## Rudolf Peierls Centre for Theoretical Physics



<u>Staff</u>: John March-Russell, Graham Ross, Joe Silk, Subir Sarkar ...
<u>Postdocs</u>: Markus Ahlers, Massimiliano Lattanzi, Stephen West, ...
<u>Students</u>: Joao Rosa, Shaun Hotchkiss, Seshadri Nadathur, ...
<u>ESR</u>: Philipp Mertsch (joined October 2007)
<u>ER</u>: Arman Shafieloo (joined September 2008)

UK Neutrino Network Meeting, 29 Nov 2006, Oxford
 IoP/RAS Meeting on 'Dark Matter', 26 Nov 2007, London
 ASPERA 'Astroparticle Theory' Workshop, 17 Mar 2008, Oxford
 Astroparticle Physics UK Meeting, 18-20 Jun 2008, Oxford
 ... helped to organise numerous international schools/conferences

**Research interests**: Dark matter, inflation & fundamental physics, formation of structure & cosmological parameters, baryo/leptogenesis, cosmology of new dimensions, ultrahigh energy cosmic rays, neutrinos Interaction with astronomers and with particle experimentalists through the *Beecroft Institute of Particle Astrophysics & Cosmology* 





## Participation in the *Pierre Auger Observatory* and *IceCube*



